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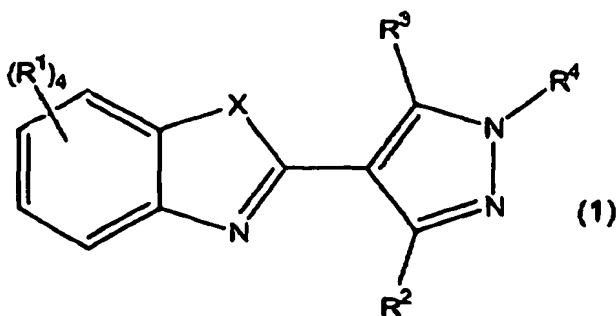
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(54) Title: PYRAZOLYL BENZOTHAZOLE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS



(57) Abstract: Pharmaceutical pyrazolylbenzothiazole compositions of formula (1) are provided. The compositions may be pharmaceutically acceptable salts. R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> at each occurrence are independently selected from amino, aminosulfinyl, aminosulfonyl, aryl, azido, halogen, heteroalkyl, heteroaryl, hydrazinyl, hydrocarbyl, hydrogen, hydroxyl, nitro, nitroso, phosphate, phosphinate, phosphonate, phosphonium, phosphorothioate, phosphoryl, sulfamoyl, sulfate, sulfinic acid, sulfonamido, sulfonate, sulfonic acid, sulfonyl, sulfoxido, thiol, thioureido, and ureido, and R<sup>4</sup> is selected from hydrogen, heteroalkyl, heteroaryl, and hydrocarbyl.